



CLEAN COPY OF AMENDED CLAIMS 1 and 2

1. (Amended) A heat exchanger which is heated by a heat transfer medium, the heat exchanger comprising a thermal roller mounted on two roller necks so as to be driveable for rotation, one of the roller necks having forward flow means for flowing heat transfer medium into an interior of the roller and return flow means for flowing the heat transfer medium out of the interior of the roller, and at least one shut-off device for shutting off at least one of the forward flow means and rearward flow means in the roller neck when a forward flow pressure of the heat transfer medium flowing into the heat exchanger and/or a rearward flow pressure of the heat transfer medium flowing out of the heat exchanger drops significantly or drops to zero.

2. (Amended) The heat exchanger according to claim 1, wherein the forward flow means comprises a forward flow duct and the rearward flow means comprises a rearward flow duct, further comprising a valve each in the forward flow duct and the rearward flow duct of the heat transfer medium, such that flow into the thermal roller and return flow from the heat exchanger can be shut off.